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Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(Use as many sheets as necessary)

Complete if Known

Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

Examiner Name Jeffrey Andrew Sharp

Attorney Docket Number 11-9540-6520-0000-2

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Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (F known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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				Application Number	10/712,611		
	INFORMATIO	N DIS	SCI OSLIDE	Filing Date	November 13, 2003		
				First Named Inventor	Theodore Bydalek		
STATEMENT BY APPLICANT				Art Unit	3677		
	(Use as many s	heets as	necessary)	Examiner Name	Jeffrey Andrew Sharp		
She	et 2	of	42	Attorney Docket Number	11-9540-6520-0000-2		

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Examiner Signature Date Considered 8/7/06

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Application Number	10/712,611	7		
Filing Date	November 13, 2003			
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Examiner Name	Jeffrey Andrew Sharp			
Attorney Docket Number	11-9540-6520-0000-2	フ		

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INFORMATION DISCLOSURE	Filing Date	November 13, 2003		
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STATEMENT BY APPLICANT	Art Unit	3677		
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Complete if Known Substitute for form 1449/PTO **Application Number** 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp Attorney Docket Number 11-9540-6520-0000-2 Sheet 8 42

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STATEMENT BY APPLICANT (Use as many sheets as necessary)

Complete if Known					
Application Number	10/712,611				
Filing Date	November 13, 2003				
First Named Inventor	Theodore Bydalek				
Art Unit	3677				
Examiner Name	Jeffrey Andrew Sharp				
Attomey Docket Number	11-9540-6520-0000-2				

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				Application Number	10/712,611
IAI	FORMATIC	או חופר	CI OSLIDE	Filing Date	November 13, 2003
			<del>-</del> -	First Named Inventor	Theodore Bydalek
5	<b>TATEMENT</b>			Art Unit	3677
	(Use as many	sheets as nec	cessary)	Examiner Name	Jeffrey Andrew Sharp
Sheet	10	of	42	Attorney Docket Number	11-9540-6520-0000-2

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	10/712,611				
Filing Date	November 13, 2003				
First Named Inventor	Theodore Bydalek				
Art Unit	3677				
Examiner Name	Jeffrey Andrew Sharp				
Attorney Docket Number	11-9540-6520-0000-2				

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INI	FORMATIC	או טופר	I OSLIDE	Filing Date	November 13, 2003	
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51	ATEMENT			Art Unit	3677	
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Sheet	12	of	42	Attorney Docket Number	11-9540-6520-0000-2	

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Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

Examiner Name Jeffrey Andrew Sharp

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Attorney Docket Number

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Sheet

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		Application Number	10/712,611					
INE	ORMATIO	או חופר	I OSHIDE	Filing Date	November 13, 2003			
				First Named Inventor	Theodore Bydalek			
SI	ATEMENT			Art Unit	3677			
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Sheet	14	of	42	Attorney Docket Number	11-9540-6520-0000-2			

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			Application Number	10/712,611		
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	Theodore Bydalek	
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Sheet	15	of	42	Attorney Docket Number	11-9540-6520-0000-2	

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				First Named Inventor	Theodore Bydalek	$\Box$
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Sheet	18	of	42	Attorney Docket Number	11-9540-6520-0000-2	フ

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
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				Application Number 10/712,611			
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	INFORMATION DISCLOSURE			First Named Inventor	Theodore Bydalek		
ST			APPLICANT	Art Unit	3677		
•	(Use as many sheets as necessary)			Examiner Name	Jeffrey Andrew Sharp		
Sheet	20	of	42	Attorney Docket Number	11-9540-6520-0000-2		

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Complete if Known Substitute for form 1449/PTO Application Number 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp Attorney Docket Number 11-9540-6520-0000-2 Sheet

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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Complete if Known Substitute for form 1449/PTO Application Number 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit 3677 (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp Attorney Docket Number 33 11-9540-6520-0000-2 42 Sheet

		<u></u>		DOCUMENTS	
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				Application Number	10/712,611	
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				First Named Inventor	Theodore Bydalek	
Si			PLICANT	Art Unit	3677	
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Sheet	34	of	42	Attorney Docket Number	11-9540-6520-0000-2	

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			– .		First Named Inventor	Theodore Bydalek
	SI		-	APPLICANT	Art Unit	3677
		(Use as many	sheets as	necessary)	Examiner Name	Jeffrey Andrew Sharp
$\overline{}$	Sheet	35	of	42	Attorney Docket Number	11-9540-6520-0000-2

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				First Named Inventor	Theodore Bydalek	
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	Substitute for form 1449/PTO				Complete if Known			
					Application Number 10/712,611			
	INFORMA	TION	ını	SCLOSURE	Filing Date	November 13, 2003		
				· · · · -	First Named Inventor	Theodore Bydalek		
				APPLICANT	Art Unit	3677		
•	(Use as many sheets as necessary)			necessary)	Examiner Name	Jeffrey Andrew Sharp		
Sh	eet 39	9	Ωf	42	Attorney Docket Number	11-9540-6520-0000-2		

	1 000			DOCUMENTS	
Examiner initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (7 known)</sup>	Publication Date  MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 4,123,961	11-07-1978	Chaivre et al.	Pages 1-10
		<sup>US-</sup> 4,169,630	10-02-1979	Wagner	Pages 1-5
		US- 4,201,110	05-06-1980	Hanai et al.	Pages 1-4
		<sup>US-</sup> 4,583,897	04-22-1986	Briles	Pages 1-4
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		<sup>US-</sup> 4,576,533	03-18-1986	Chartier	Pages 1-4
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		US- 272,589	02-20-1983	Speris	Pages 1-2
		<sup>US-</sup> 1,254,514	01-22-1918	Lehmann	Pages 1-3
-		<sup>US-</sup> 3,971,289	07-27-1976	Chaivre	Pages 1-4
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°			
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Complete if Known

Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

Examiner Name Jeffrey Andrew Sharp

42

Attorney Docket Number

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Sheet

Examiner	Cite	Document Number	U. S. PATENT Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No. <sup>1</sup>	Number-Kind Code <sup>2 (7 known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan
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		<sup>US-</sup> 5,048,898	09-17-1991	Russell	Pages 1-6
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		FORE	<b>IGN PATENT DOCU</b>	MENTS		
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Substitute for form 1449/PTO	Complete if Known				
	Application Number	10/712,611			
INFORMATION DISCLOSURE	Filing Date	November 13, 2003			
	First Named Inventor	Theodore Bydalek			
STATEMENT BY APPLICANT	Art Unit	3677			
(Use as many sheets as necessary)	Examiner Name	Jeffrey Andrew Sharp			
Sheet 41 of 42	Attorney Docket Number	11-9540-6520-0000-2			

Examiner	Cite	Document Number	Publication Date	DOCUMENTS  Name of Patentee or	Pages Columns Lines Miles
Initials*	No.1	Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		<sup>US-</sup> 5,330,594	07-19-1994	Gallagher, Jr.	Pages 1-4
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	tose as many and	70 BS 77		Examiner Name	Jeffrey Andrew Sharp			
Sheet	42	of	42	Attorney Docket Number	11-9540-6520-0000-2			

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		US- 5,597,278	01-28-1997	Peterkort	Pages 1-6
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	1		JP-46-012-091	04-27-1971		Pages 1-2	8
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	(030 45 11111) 3110			Examiner Name	Jeffrey Andrew Sharp		
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2		

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3/8	•	N. FUGIMOTO, Notification of Reasons for Rejection, July 28, 2005, Pages 1-5, Japanese Patent Office	,
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Attorney Docket Number

Sheet

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INFO	DRMATION	DIS	CLOSURE	Filing Date	November 13, 2003
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Theodore Bydalek
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Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2

C.J. HUUSOM, Communication pursuant to Article 96(2) EPC, Februar 12, 2004, Pages 1-3, European Patent Office	y $\Box$
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether of not citation is in conformance with NPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp Attorney Docket Number 11-9540-6520-0000-2

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4		EP 0 153 487 A1	04-09-1985	Hi-Ton International Ltd.	Pages 1-11			
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<u> </u>		FR 2 121 270	08-18-1972	Barber and Colman Limited	Pages 1-7			
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STATEMENT BY			Complete if Known			
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INFO	ORMATION	DIS	CLOSURE	Filing Date	November 13, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Theodore Bydalek	
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PTO/SB/08A (07-05)

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit 3677 (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp Attorney Docket Number 11-9540-6520-0000-2 Sheet

			U. S. PATENT	DOCUMENTS	
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		US- 5,772,377	06-30-1998	Bydalek	Pages 1-5
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Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
\$18		C. MARTIN, Supplementary European Search Report, June 31, 2006, Page 1-3, European Patent Office	
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			DE 41 05 741 A	09-03-1992	Daimler Benz AG	Pages 1-6	
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*	C. MARTIN, European Search Report, May 20, 2003, pages 1-4, European Patent Office	
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AS		C. MARTIN, Supplementary European Search Report, February 18, 2005, Pages 1-3, European Patent Office	
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Attorney Docket Number 11-9540-6520-0000-2

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit 3677 (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp

Sheet 1

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Substitute for form 1449/PTO		Complete if Known			
00000				Application Number	10/712,611
INFO	DRMATION	DIS	CLOSURE	Filing Date	November 13, 2003
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Theodore Bydalek
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		WLS 23 110		Examiner Name	Jeffrey Andrew Sharp
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
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PTO/SB/08A (07-05)

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Sheet

**U. S. PATENT DOCUMENTS** Examiner Cite Publication Date Name of Patentee or Pages, Columns, Lines, Where **Document Number** Initials\* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code<sup>2</sup> (F tracert) US-US-US-US-US-UŞ-US-US-US-UŞ-US-US-US-US-US-US-US-US-US-

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Substitut	Substitute for form 1449/PTO				Complete if Known			
0000000				Application Number	10/712,611			
INFO	DRMATION	l DIS	CLOSURE	Filing Date	November 13, 2003			
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Theodore Bydalek			
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	(USO as many sin	0013 83 11	ocossary)	Examiner Name	Jeffrey Andrew Sharp			
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2			

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
×63		Translation of Office Action, Circa November 1997, Page 1, Japanese Patent Office	
3/2		Translation of the Relevant Portions of JP-U-A-56-148116, which was cited as Reference 1 in the above-referenced Japanese Office Action, Circa November 1997, Page 1	
3968		Translation of the Relevant Portions of JP-U-A-63-152822, which was cited as Reference 2 in the above-referenced Japanese Office Action, Circa November 1997, Page 1	
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Applicant's unique citation designation number (optibrial). Applicant is to place a check mark here if English language Translation is attached.

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	stitute for form 1449/PTC			Complete if Known			
				Application Number	10/712,611		
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				First Named Inventor	Theodore Bydalek		
S			APPLICANT	Art Unit	3677		
	(Use as many s	sheets as	necessary)	Examiner Name	Jeffrey Andrew Sharp		
Sheet	1	of	2	Attorney Docket Number	11-9540-6520-0000-2		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# Innovent)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 3,942,570	03-19-1976	Bochman, Jr. et al.	Pages 1-10
·		<sup>US-</sup> 3,208,493	<del>09-</del> 28-1965	Holmes	Pages 1-6
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	Examiner Initlals*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
			Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
7	715		DE 593 758	03-02-1934	Lydia Schubert	Pages 1-3	
	AS		GB 547 634	09-04-1942	Jack Purdue	Pages 1-4	
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Translation is attached.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/712,611 INFORMATION DISCLOSURE **Filing Date** November 13, 2003 STATEMENT BY APPLICANT First Named Inventor Theodore Bydalek **Art Unit** 3677 (Use as many sheets as necessary) Examiner Name Jeffrey Andrew Sharp Attorney Docket Number Sheet 2 of 2 11-9540-6520-0000-2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
X18		Hoffmann, M. P., European Search Report for EP 88 11 5654, October 3, 1989, Page 1, European Patent Office	
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